

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2017 Levee Inspection Results**

**Levee District No. 0001 (Sutter County)**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2017 Levee Inspection Results**

**Levee District No. 0001 (Sutter County)**

Waterway			Bank	Unit Miles
Unit No. 01 Feather River			Right	16.11
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/4/2017 - 4/4/2017			
DWR Inspector	Sterling York			
Accompanied By	Andrew Stresser LD0001S			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_LD0001S_01_s_2013_4				
Comment Code					
Inspector Comment					
O&M manuals are stored at the district office at 243 2nd st, Yuba City, CA.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_LD0001S_01_s_2013_5				
Comment Code					
Inspector Comment					
Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_LD0001S_01_s_2013_6				
Comment Code					
Inspector Comment					
Drew and the district employees attended the Flood Fight class put on by DWR and RD784 annually.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	0.01	Rating **	M	Issue No.	30
LM End	16.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951109 °	39.168577 °
				-121.585711 °	-121.622691 °
DWR ID	DWR_LD0001S_01_f_2016_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained. Spring 2017.					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_30\_20170404\_00061.jpg



View of annual grasses that need to be maintained. Spring 2017.

LM Start	0.01	Rating **	M	Issue No.	31
LM End	16.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951109 °	39.168577 °
				-121.585711 °	-121.622691 °
DWR ID	DWR_LD0001S_01_f _ 2016_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained. Spring 2017.					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_31\_20170404\_00060.jpg



View of annual grasses that need to be maintained. Fall 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	0.36	Rating **	M	Issue No.	490
LM End	0.36	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.956192 °	38.956192 °
				-121.585510 °	-121.585510 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41624 DS_ID:18653 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. FIELD_STRUCT_DESC: *ABANDONED* Concrete box on both sides found. Pipe remainings are found on WS after the removal of 40 feet of 36" steel pipe from a spur levee and 20 feet of 36" steel pipe from the landside slope of Feather River Levee. Pipe depth 10.0 ft below crown. Application No. 4667, 1964.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 4/12/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41624\_18769.jpg



Crown view- overview of both sides of the levee

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>490 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_41624\_18768.jpg



WS- abandoned pipe near power pole (right)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	0.36	Rating **	M	Issue No.	490 (cont)	
LM End	0.36	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.956192 °		38.956192 °
				-121.585510 °		-121.585510 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41624 DS_ID:18653 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. FIELD_STRUCT_DESC: *ABANDONED* Concrete box on both sides found. Pipe remainings are found on WS after the removal of 40 feet of 36" steel pipe from a spur levee and 20 feet of 36" steel pipe from the landside slope of Feather River Levee. Pipe depth 10.0 ft below crown. Application No. 4667, 1964.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 4/12/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_41624\_18767.jpg



WS- abandoned pipe near power pole (top)

LM Start	0.68	Rating **	M	Issue No.	13
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.960772 °	38.960772 °
				-121.585943 °	-121.585943 °
DWR ID	DWR_LD0001S_01_f_2015_13				
Comment Code					
EQ : Equipment					
Inspector Comment					
Backhoe still at toe of landside levee. Spring 2017.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_13\_20170316\_00001.jpg



This picture was from Fall 2015 Inspection but the backhoe is still there and the picture is the same for Spring of 2016. The backhoe was located on the landside toe of the levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	0.68	Rating **	M	Issue No.	13 (cont)	
LM End	0.68	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.960772 °		38.960772 °
				-121.585943 °		-121.585943 °
DWR ID	DWR_LD0001S_01_f_2015_13					
Comment Code						
EQ : Equipment						
Inspector Comment						
Backhoe still at toe of landside levee. Spring 2017.						

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_13\_20170316\_00002.jpg



Backhoe is still there for Spring of 2017. The backhoe is on the landside toe of the levee.

LM Start	1.12	Rating **	C	Issue No.	14
LM End	1.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.966868 °	38.966868 °
				-121.587230 °	-121.587230 °
DWR ID	DWR_LD0001S_01_f_2015_14				
Comment Code					
PR : Prunings					
Inspector Comment					
Removed/burned pruning's from levee toe no longer block visibility. Spring 2017.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	1.85	Rating **	U	Issue No.	491
LM End	1.85	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.977002 °	38.977002 °
				-121.591199 °	-121.591199 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:50641  
 DS\_ID:17917  
 EP\_NO: N/A  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: 07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP)  
 FIELD\_STRUCT\_DESC: \*ABANDONED\* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955. As-Built Drawing No. 4-4-205-1 (Station 657+00)].  
 FS Date: 7/20/2016

LM Start	<b>1.85</b>	Rating **	U	Issue No.	<b>491 (cont)</b>
LM End	<b>1.85</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_50641\_75107.jpg



Pipe visible on WS slope. Photo courtesy of Sterling York, DWR Inspector.

Photo 2 of 3 : UCIP\_SP\_2017\_50641\_75108.jpg



Pipe open on LS end. Photo courtesy of Sterling York, DWR Inspector.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	1.85	Rating **	U	Issue No.	491 (cont)	
LM End	1.85	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.977002 °	38.977002 °	
				-121.591199 °	-121.591199 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50641 DS_ID:17917 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955. As-Built Drawing No. 4-4-205-1 (Station 657+00)]. FS Date: 7/20/2016						

Photo 3 of 3 : UCIP\_SP\_2017\_50641\_76120.jpg



LS view: pipe appears to be capped, though in a rudimentary fashion.

LM Start	2.21	Rating **	M	Issue No.	492
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.982135 °	38.982135 °
				-121.591974 °	-121.591974 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11383 DS_ID:17915 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: A 8-inch steel drainage pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on landward slope.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 4/12/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_11383\_18782.jpg



WS- 8-inch steel pipe and disconnected pvc pipe on levee slope

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

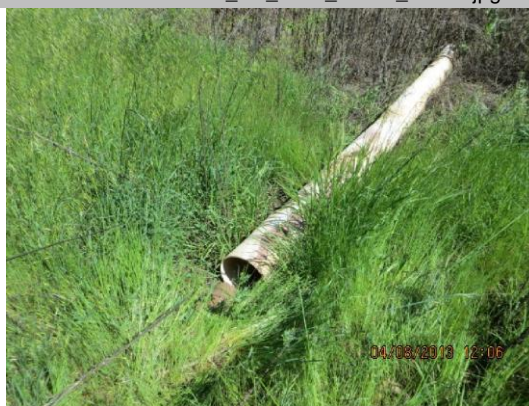
**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	2.21	Rating **	M	Issue No.	492 (cont)	
LM End	2.21	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.982135 °	38.982135 °	
				-121.591974 °	-121.591974 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:11383						
DS_ID:17915						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation.						
FIELD_STRUCT_DESC: A 8-inch steel drainage pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on landward slope.O&M Manual Sac 144, August 1955, Revision Year 2011.						
FS Date: 4/12/2013						

Photo 2 of 3 : UCIP\_SP\_2017\_11383\_18781.jpg



WS-a disconnected pvc pipe on levee slope

LM Start	<b>2.21</b>	Rating **	M	Issue No.	<b>492 (cont)</b>
LM End	<b>2.21</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_11383\_18780.jpg



LS- CMP riser on levee slope with dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	2.42	Rating **	M	Issue No.	493
LM End	2.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41787					
DS_ID:18667					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears to be abandoned and should be verified as having been done so properly. - concrete standpipe with 10-inch steel pipe.- concrete wing wall- no pipe- abandoned structure- a pump found on other side of the levee (WS) but not sure whether it is associated with this crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 24" pipe under landside approach and install 10-inch corrugated iron pipe under landside approach(culvert).					
Not found in O&M Manual.					
FS Date: 4/12/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41787\_18793.jpg



LS- overview of landside with concrete standpipe

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>493 (cont)</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_41787\_18792.jpg



LS- abandoned wing wall- no pipe

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	2.42	Rating **	M	Issue No.	493 (cont)	
LM End	2.42	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °	
				-121.591922 °	-121.591922 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41787 DS_ID:18667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned and should be verified as having been done so properly. - concrete standpipe with 10-inch steel pipe.- concrete wing wall- no pipe- abandoned structure- a pump found on other side of the levee (WS) but not sure whether it is associated with this crossing. FIELD_STRUCT_DESC: *ABANDONED* 24" pipe under landside approach and install 10-inch corrugated iron pipe under landside approach(culvert). Not found in O&M Manual. FS Date: 4/12/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_41787\_18791.jpg



LS- concrete standpipe with disconnected steel pipe

LM Start	2.72	Rating **	A/W	Issue No.	17
LM End	2.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.989470 °	38.989470 °
				-121.592502 °	-121.592502 °
DWR ID	DWR_LD0001S_01_s_2015_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Animal activity is determined to be goffer not ground squirrel, continue to monitor. Spring 2017.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_17\_20170316\_00005.jpg



View of rodent holes on the landside crown and slope. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	2.72	Rating **	A/W	Issue No.	17 (cont)	
LM End	2.72	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.989470 °		38.989470 °
				-121.592502 °		-121.592502 °
DWR ID	DWR_LD0001S_01_s_2015_17					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Animal activity is determined to be goffer not ground squirrel, continue to monitor. Spring 2017.						

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_17\_20170404\_00066.jpg



Animal activity is determined to be gopher not ground squirrel, continue to monitor. Spring 2017.

LM Start	3.42	Rating **	M	Issue No.	494
LM End	3.42	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41348 DS_ID:17918 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* steel 8-inch drainpipe through levee, 4.1 feet below crown. Siphon breaker on landward slope. Butterfly shutoff valve on landward slope, concrete stand pipe and pump at toe of landward slope. Discharges into borrow pit on waterward side. O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 4/8/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41348\_18882.jpg



WS- abandoned concrete structure on levee slope

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	3.42	Rating **	M	Issue No.	494 (cont)
LM End	3.42	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41348 DS_ID:17918 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* steel 8-inch drainpipe through levee, 4.1 feet below crown. Siphon breaker on landward slope. Butterfly shutoff valve on landward slope, concrete stand pipe and pump at toe of landward slope. Discharges into borrow pit on waterward side. O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 4/8/2013					

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>494 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_SP\_2017\_41348\_18881.jpg



WS- abandoned steel structure on waterway

Photo 3 of 3 : UCIP\_SP\_2017\_41348\_18880.jpg



Overview of landside of the levee- no pipes visible. Dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	4.41	Rating **	A/W	Issue No.	21
LM End	4.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.011493 °	39.011493 °
				-121.603623 °	-121.603623 °
DWR ID	DWR_LD0001S_01_f_2016_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
No erosion or separation on slope, continue to monitor, Spring 2017.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_21\_20170404\_00065.jpg



No erosion or separation on the landside slope, continue to monitor, Spring 2017.

LM Start	<b>4.41</b>	Rating **	A/W	Issue No.	<b>21 (cont)</b>
LM End	<b>4.41</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_21\_20170316\_00008.jpg



View of landside slope where vehicles have been driving up and down to go around gate. Fall 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	4.41	Rating **	A/W	Issue No.	36
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.011493 °	39.011493 °
				-121.603624 °	-121.603624 °
DWR ID	DWR_LD0001S_01_f_2016_36				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
No erosion or separation on slope, continue to monitor, Spring 2017.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_36\_20170404\_00067.jpg



View of waterside slope where vehicles in the past have used to access the crown. No erosion or separation on slope, continue to monitor, Spring 2017.

LM Start	<b>4.41</b>	Rating **	A/W	Issue No.	<b>36 (cont)</b>
LM End	<b>4.41</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_36\_20170316\_00018.jpg



View of waterside slope where vehicles have been driving up and down to go around gate. Fall 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	6.81	Rating **	M	Issue No.	20
LM End	6.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.043262 °	39.043262 °
				-121.611527 °	-121.611527 °
DWR ID	DWR_LD0001S_01_s_2017_20				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Large animal burrows on slope need to be repaired, Spring 2017.					

Photo 1 of 3 : SP\_2017\_LD0001S\_433\_20\_20170404\_00068.jpg



View of highest point on waterside slope of large animal burrow that needs to be repaired, Spring 2017.

LM Start	<b>6.81</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>6.81</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP\_2017\_LD0001S\_433\_20\_20170404\_00070.jpg



View of mid point on waterside slope of the same large animal burrow that needs to be repaired, Spring 2017.

LM Start	<b>6.81</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>6.81</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP\_2017\_LD0001S\_433\_20\_20170404\_00071.jpg



View looking up from bottom of waterside slope at the same large animal burrow that needs to be repaired, Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	9.16	Rating **	C	Issue No.	489
LM End	9.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.076558 °	39.076558 °
				-121.605837 °	-121.605837 °
DWR ID	DWR_LD0001S_01_s_2012_489				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The fruit trees are removed and there is no unwanted landscape at toe of slope. Spring 2017.					

No Photos

LM Start	9.35	Rating **	M	Issue No.	23
LM End	9.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.079026 °	39.079026 °
				-121.604386 °	-121.604386 °
DWR ID	DWR_LD0001S_01_f _ 2015_23				
Comment Code					
PR : Prunings					
Inspector Comment					
Tree trimmings at landside toe need removal that are within 10' of the toe.					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_23\_20170316\_00009.jpg



View of pruning's on the landside levee toe looking downstream. Fall 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	11.39	Rating **	M	Issue No.	495
LM End	11.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50675 DS_ID:18879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 07/20/2016 Pipe and pump station removed as part of the Feather River West Levee Project. (K. Fazel - UCIP)04/05/2013 Road pavement cracked along pipe line, needs more investigation. (P. Amatya - DWR) FIELD_STRUCT_DESC: *REMOVED* 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 7/20/2016					

LM Start	11.39	Rating **	M	Issue No.	495 (cont)
LM End	11.39	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_50675\_19462.jpg



Levee crown overview- siphon breaker on right

Photo 2 of 3 : UCIP\_SP\_2017\_50675\_19461.jpg



Enter photo 3 description or comment here.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	11.39	Rating **	M	Issue No.	495 (cont)	
LM End	11.39	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.106261 °		39.106261 °
				-121.607535 °		-121.607535 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50675 DS_ID:18879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 07/20/2016 Pipe and pump station removed as part of the Feather River West Levee Project. (K. Fazel - UCIP)04/05/2013 Road pavement cracked along pipe line, needs more investigation. (P. Amatya - DWR) FIELD_STRUCT_DESC: *REMOVED* 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 7/20/2016						

Photo 3 of 3 : UCIP\_SP\_2017\_50675\_19460.jpg



WS- two siphon breaker in CMP riser

LM Start	11.63	Rating **	M	Issue No.	42
LM End	11.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.109692 °	39.109692 °
				-121.607142 °	-121.607142 °
DWR ID	DWR_LD0001S_01_s_2016_42				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Erosion on the waterside slope caused by rain and foot traffic needs to be monitored. Fall 2016.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_42\_20170316\_00023.jpg



Slope erosion due to rain on the waterside. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	11.63	Rating **	M	Issue No.	42 (cont)	
LM End	11.63	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			39.109692 °		39.109692 °
				-121.607142 °		-121.607142 °
DWR ID	DWR_LD0001S_01_s_2016_42					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Erosion on the waterside slope caused by rain and foot traffic needs to be monitored. Fall 2016.						

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_42\_20170316\_00024.jpg



View of where slope erosion due has occurred due to rain and foot traffic on the waterside. Fall 2016.

LM Start	11.99	Rating **	M	Issue No.	496
LM End	11.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41841					
DS_ID:17932					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings.					
FIELD_STRUCT_DESC: 1 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder.					
FS Date: 4/5/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41841\_19538.jpg



Levee Crown: gasoline indicator/markings on crown road.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	11.99	Rating **	M	Issue No.	496 (cont)	
LM End	11.99	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.114856 °	39.114856 °	
				-121.605821 °	-121.605821 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41841						
DS_ID:17932						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings.						
FIELD_STRUCT_DESC: 1 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder.						
FS Date: 4/5/2013						

Photo 2 of 3 : UCIP\_SP\_2017\_41841\_19537.jpg



LS- fenced control station across concrete ditch

LM Start	<b>11.99</b>	Rating **	M	Issue No.	<b>496 (cont)</b>
LM End	<b>11.99</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_41841\_19534.jpg



LS- fenced control station with indicators

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	12.00	Rating **	M	Issue No.	497
LM End	12.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41889					
DS_ID:18880					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to install gasoline					
markers.Fenced control station on LS.Indicator on LS across					
concrete channel.Road markings.					
FIELD_STRUCT_DESC: 2 of 2. One 16-inch pipe of two 16-inch gas					
lines through levee, 3 feet below crown. PG&E gas line-crossing sign					
on waterward shoulder.					
FS Date: 4/5/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41889\_19566.jpg



Levee Crown: road markings on road pavement

LM Start	12.00	Rating **	M	Issue No.	497 (cont)
LM End	12.00	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_41889\_19565.jpg



LS- fenced control station across concrete ditch.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	12.00	Rating **	M	Issue No.	497 (cont)	
LM End	12.00	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.114856 °	39.114856 °	
				-121.605821 °	-121.605821 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41889						
DS_ID:18880						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to install gasoline						
markers.Fenced control station on LS.Indicator on LS across						
concrete channel.Road markings.						
FIELD_STRUCT_DESC: 2 of 2. One 16-inch pipe of two 16-inch gas						
lines through levee, 3 feet below crown. PG&E gas line-crossing sign						
on waterward shoulder.						
FS Date: 4/5/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_41889\_19564.jpg



LS- fenced control station with gasoline indicator across concrete ditch.

LM Start	12.28	Rating **	M	Issue No.	40
LM End	12.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.118530 °	39.118530 °
				-121.603455 °	-121.603455 °
DWR ID	DWR_LD0001S_01_f _ 2016_40				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_40\_20170316\_00021.jpg



View of landside slope at access gate that has been cut into by foot traffic. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	13.14	Rating **	M	Issue No.	41
LM End	13.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.130384 °	39.130384 °
				-121.602543 °	-121.602543 °
DWR ID	DWR_LD0001S_01_f_2016_41				
Comment Code					
DE : Debris					
Inspector Comment					
Pile of debris needs to be removed from slope. Fall 2016.					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_41\_20170316\_00022.jpg



View of debris on landside levee slope. Fall 2016.

LM Start	13.25	Rating **	M	Issue No.	27
LM End	13.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.131827 °	39.131827 °
				-121.603233 °	-121.603233 °
DWR ID	DWR_LD0001S_01_f _ 2015_27				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree foliage hiding levee face/toe. Fall 2016.					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_27\_20170316\_00012.jpg



Tree at landside levee toe obstructing visibility. Fall 2016.

LM Start	13.34	Rating **	U	Issue No.	18
LM End	13.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.133050 °	39.133050 °
				-121.603813 °	-121.603813 °
DWR ID	DWR_LD0001S_01_f_2015_18				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Overgrown olive trees (6), buckeye (1) and oak trees (2) on slope of levee, branches touching and obscuring levee. Ivy obscuring slope.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_18\_20170316\_00006.jpg



Trees and vegetation blocking visibility on the landside slope of the levee. Spring 2016.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	13.34	Rating **	U	Issue No.	18 (cont)	
LM End	13.34	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			39.133050 °		39.133050 °
				-121.603813 °		-121.603813 °
DWR ID	DWR_LD0001S_01_f_2015_18					
Comment Code						
V7 : Trees / Woody Vegetation						
Inspector Comment						
Overgrown olive trees (6), buckeye (1) and oak trees (2) on slope of levee, branches touching and obscuring levee. Ivy obscuring slope.						

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_18\_20170316\_00007.jpg



Trees and vegetation blocking visibility. Spring 2016.

LM Start	13.37	Rating **	M	Issue No.	38
LM End	13.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.133431 °	39.133431 °
				-121.603905 °	-121.603905 °
DWR ID	DWR_LD0001S_01_f _ 2016_38				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_38\_20170316\_00020.jpg



View of chain link fence covered with vegetation at landside levee toe. Fall 2016.

LM Start	13.39	Rating **	U	Issue No.	37
LM End	13.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.133710 °	39.133710 °
				-121.604013 °	-121.604013 °
DWR ID	DWR_LD0001S_01_f _ 2016_37				
Comment Code					
FE : Fence					
Inspector Comment					
Fence half way up the levee slope blocks access and visibility. Fall 2016.					

Photo 1 of 1 : SP\_2017\_LD0001S\_433\_37\_20170316\_00019.jpg



View of fence that encroaches half way up the landside levee slope. Fall 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	13.42	Rating **	U	Issue No.	24
LM End	13.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.134119 °	39.134119 °
				-121.604213 °	-121.604213 °
DWR ID	DWR_LD0001S_01_f _ 2015_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on the chainlink fence obscuring visibility. Oleander on the levee.					

Photo 1 of 2 : SP\_2017\_LD0001S\_433\_24\_20170316\_00010.jpg



Trees and vegetation blocking visibility on the landside toe of the levee.  
Spring 2016.

LM Start	<b>13.42</b>	Rating **	U	Issue No.	<b>24 (cont)</b>
LM End	<b>13.42</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_LD0001S\_433\_24\_20170316\_00011.jpg



Trees and vegetation blocking visibility. Spring 2016.

LM Start	14.31	Rating **	C	Issue No.	32
LM End	14.31	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.145888 °	39.145888 °
				-121.609589 °	-121.609589 °
DWR ID	DWR_LD0001S_01_f _ 2016_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning's have been removed. Spring 2017.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	14.35	Rating **	M	Issue No.	498
LM End	14.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.146494 °	39.146494 °
				-121.609715 °	-121.609715 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41887					
DS_ID:18640					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact ownder to determin status of crossing and install signs if appropriate.					
FIELD_STRUCT_DESC: A 18-inch steel; Gas Line. No reference to any crossings at this location in the Feather River West Levee Projects As-Built. See: Sutter Butte Flood Control Agency, Volume 3 As-built drawing GC120, Sheet 58.					
O&M Manual Sac 144, August 1955, Revision Year 2011.					
FS Date: 4/5/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41887\_19571.jpg



WS- USA road marking and floodway area

LM Start	<b>14.35</b>	Rating **	M	Issue No.	<b>498 (cont)</b>
LM End	<b>14.35</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_41887\_19570.jpg



WS- USA road marking on pavement

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--







**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	15.15	Rating **	M	Issue No.	500 (cont)	
LM End	15.15	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.156241 °		39.156241 °
				-121.617210 °		-121.617210 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12104 DS_ID:18644 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Found an indicator only on LS. Needs an indicator also on WS. FIELD_STRUCT_DESC: *REMOVED* An 8-3/8-inch-wide Electrolysis Test Station (ETS) at a depth of 4 feet and connect it to the existing 8-inch metal gas line within the waterside levee toe of the right (west) bank of the Feather River. Pipe has been removed under the Feather River West Levee Project. No replacement pipe indicated on Asbuilt drawings. [Additional Reference(s): Sutter Butte Flood Control Agency, Volume 3 As-built drawing GC124, Sheet 62 (Station 1079+91)]. FS Date: 4/5/2013						

LM Start	<b>15.15</b>	Rating **	M	Issue No.	<b>500 (cont)</b>
LM End	<b>15.15</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_12104\_19641.jpg



LS- gasline indicators on levee slope and across.

Photo 3 of 3 : UCIP\_SP\_2017\_12104\_19640.jpg



LS- overview of gasline indicators on levee slope and across.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/04/2017 04/04/2017	Sterling York

LM Start	16.11	Rating **	M	Issue No.	501
LM End	16.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41888					
DS_ID:18645					
EP_NO: 3823					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area.					
FIELD_STRUCT_DESC: A 8-inch steel gasline crossing the South Yuba River project levee, and the Yuba River overflow area. Pipe depth is 3.3 ft. below the crown. Application no. 3823, 1961.					
FS Date: 4/5/2013					

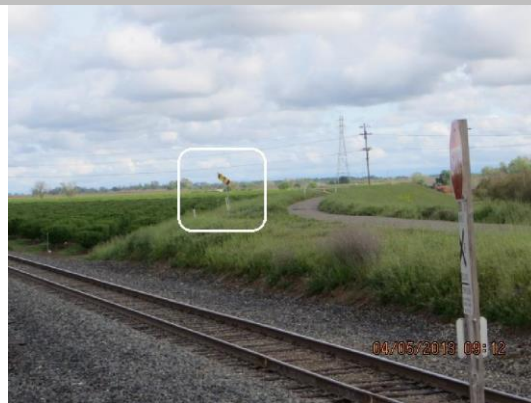
Photo 1 of 2 : UCIP\_SP\_2017\_41888\_19709.jpg



Railway and levee crossing and gasline sign across the railway

LM Start	16.11	Rating **	M	Issue No.	501 (cont)
LM End	16.11	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2017\_41888\_19708.jpg



Gasline sign across the railway

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---